

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,913,838 B2  
APPLICATION NO. : 10/730182  
DATED : July 5, 2005  
INVENTOR(S) : McCullough, Colin

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, item [56]:

Page 2, Column 1

Line 11, delete "Oct," and insert thereof - - Oct. - -.

Page 2, Column 2

Line 8, delete "Gigerener" and insert in place thereof - - Gigerenzer - -.

Line 21, delete "of" and insert in place thereof - - on - -.

Line 24, after "Casting" delete "Kaise" and insert in place thereof - - Kaiser - -.

Line 32, before "SiC" delete "(".

Line 40, delete "Mechanical" and insert in place thereof - - Mechanical - -.

Line 61, after "Reaction", delete "of" and insert in place thereof - - on - -.

Line 62, delete "on" and insert in place thereof - - of - -.

Page 3, Column 1

Line 3, delete "Abstract" and insert in place thereof - - Abstracts - -.

Line 6, after "London" delete " ,".

Column 1

Line 55, delete "Resinforced" and insert in place thereof - - Reinforced - -.

Column 2

Line 29, delete "a:plurality" and insert in place thereof - - a plurality - -.

Column 6

Line 63, delete "(ksi (MPa))" and insert in place thereof - - (ksi (MPa)) - -.

Column 7

Line 5, delete "(ksi (MPa))" and insert in place thereof - - (ksi (MPa)) - -.

Column 12

Line 34, after "wire" delete " ,".

Line 49, delete "stain" and insert in place thereof - - strain - -.

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Column 14

Line 44, after "oxide" insert in place thereof - - . - -.

Line 49, after "over" delete "lo".

Column 16

Line 39, delete "thee" and insert in place thereof - - the - -.

Line 63, after "is" delete "tile" and insert in place thereof - - the - -.

Column 17

Line 32, delete "NEXTEL-312" and insert in place thereof - - NEXTEL 312 - -.

Line 33, delete "cores-of the sables" and insert in place thereof - - cores of the cables - -.

Column 18

Line 16, delete the second "for the" before "NEXTEL 312".

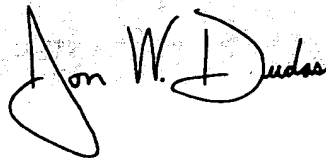
Column 18

Line 24, delete " $E = f_x(M_c/M) \times E_w + (1-f) \times (M_a/M) \times E_a$ " and insert in place thereof  
- -  $E = f_x(M_c/M) \times E_w + (1-f) \times (M_a/M) \times E_a$  - -.

Line 39, delete " $R_a = 1/(C_a \times 1.228)/(1-f) \times A \times 5.28 \times (1+F_a^c)$ " and insert in place thereof  
- -  $R_a = 1/(C_a \times 1.228)/(1-f) \times A \times 5.28 \times (1+F_a^c)$  - -.

Signed and Sealed this

Twenty-second Day of August, 2006



JON W. DUDAS  
Director of the United States Patent and Trademark Office